

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

CLARK HILL PLC
Attn. Asher, Robin W.
500 Woodward Avenue, Suite 3500
Detroit, Michigan 48226-3435
UNITED STATES OF AMERICA

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing (day/month/year) 22/02/2005	
Applicant's or agent's file reference 19365-098508	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US2004/027894	International filing date (day/month/year) 27/08/2004
Applicant INTIER AUTOMOTIVE INC	

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders


Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Ulrike Zänglein RECEIVED FEB 28 2005 CLARK HILL
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NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

see form PCT/ISA/220

RECEIVED

FEB 28 2005

CLARK HILL

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference see form PCT/ISA/220		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/US2004/027894	International filing date (day/month/year) 27.08.2004	Priority date (day/month/year) 27.08.2003
International Patent Classification (IPC) or both national classification and IPC B60N2/08		
Applicant INTIER AUTOMOTIVE INC		

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☒ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☒ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application



2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

<p>Name and mailing address of the ISA:</p>  <p>European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465</p>	<p>Authorized Officer</p> <p>Lotz, K-D</p> <p>Telephone No. +49 89 2399-2323</p> 
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**International application No.
PCT/US2004/027894

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2004/027894

Box No. II Priority

1. ☒ The following document has not been furnished:

☒ copy of the earlier application whose priority has been claimed (Rule 43*bis*.1 and 66.7(a)).

☐ translation of the earlier application whose priority has been claimed (Rule 43*bis*.1 and 66.7(b)).

Consequently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.

2. ☐ This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43*bis*.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.

3. ☐ It has not been possible to consider the validity of the priority claim because a copy of the priority document was not available to the ISA at the time that the search was conducted (Rule 17.1). This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.

4. Additional observations, if necessary:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2004/027894

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- ☐ the entire international application,
- ☒ claims Nos. 8-13

because:

- ☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):
- ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
- ☒ no international search report has been established for the whole application or for said claims Nos. 8-13
- ☐ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
 - the written form ☐ has not been furnished
 - ☐ does not comply with the standard
 - the computer readable form ☐ has not been furnished
 - ☐ does not comply with the standard
- ☐ the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-*bis* of the Administrative Instructions.
- ☐ See separate sheet for further details

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2004/027894

Box No. IV Lack of unity of invention

1. ☒ In response to the invitation (Form PCT/ISA/206) to pay additional fees, the applicant has:
- ☐ paid additional fees.
 - ☐ paid additional fees under protest.
 - ☒ not paid additional fees.
2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- ☐ complied with
 - ☒ not complied with for the following reasons:
see separate sheet
4. Consequently, this report has been established in respect of the following parts of the international application:
- ☐ all parts.
 - ☒ the parts relating to claims Nos. 1-7

Box No. V Reasoned statement under Rule 43b/s.1(a)(i) with regard to novelty, Inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-7
	No: Claims	
Inventive step (IS)	Yes: Claims	1-7
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-7
	No: Claims	

2. Citations and explanations

see separate sheet

Reference is made in this written opinion to the following documents:

D1: DE 42 42 895 C D2: GB 2 372 203 A
D3: DE 297 00 866 U (cited in the application)
D4: US-A-5 564 315 (cited in the application)
D5: DE 197 35 030 A (cited in the application)
D6: US-A-5 596 910 (cited in the application)
D7: DE 43 37 293 C

Re Item IV

1. A locking mechanism and a seat track assembly for selectively interlocking upper and lower tracks by the use of a plurality of locking pins selectively moving in and out of a locked position through locking windows in a lower track and apertures in an upper track is known as such from **D1** for instance. With these common features of independent claims 1 and 8 already known, the remaining features of said claims are directed to different problems such as outlined in to claims 1 - 7 and 8 - 13 respectively and are not so linked as to form a single general inventive concept in contrary to **Rule 13.1 PCT**.

Independent **claim 1** discloses a locking mechanism with its particular relation of a pin carrier for a plurality of pins and a mounting plate for said pin carrier.

Dependent claims 2 - 7 disclose further details of this mechanism.

Independent **claim 8** discloses a seat track assembly with its particular double shearing condition of a plurality of pins within corresponding apertures and locking windows in upper and lower rails or in other words the particular relation between the locking pins and the upper and lower rails. Dependent claims 9 - 13 disclose further details of this mechanism.

Hence, the examination was carried out on the basis of application content related to the first invention.

Re Item V

2. Clarity of independent claim 1 (Article 6 PCT)

Claim 1 is not clear as it purely defines structural features of a pin carrier (90) without defining firstly its orientation with respect to the interacting mounting plate (82) and without defining secondly its orientation with respect to the upper and lower tracks (14, 12) along with the orientation of the plurality of locking pins (88) in a slidably coupled relation within the pin carrier and the mounting plate. Without this neither a clear and precise functional concept between the pin carrier and the mounting plate (concerning stop edge 102 and stop surface 89) nor a clear and precise functional concept for the whole mechanism between the pin carrier, the pins and the rails can be determined from that claim.

In addition, the function of the actuator (130) is entirely omitted in the claim. It is particularly relevant in the case where claim 1 defines "at least one arm (98)" and "at least one slot (86)" and in such case it becomes apparent that the actuator (130) fulfills the essential task to maintain the arm (98) or more precisely its intermediate section (99) under the use of pivot pin (134) in the narrow portion (87) of the slot (86).

Furthermore, with respect to an overall symmetrical equilibrium of forces (produced by coil springs 120) within the locking mechanism, for instance to allow secure and smooth functioning of the lock (to not clamp any of the interacting moving components in that lock), it appears that at least two arms (98) with the corresponding slots are required for the lock.

3. Inventive step of independent claim 1

The following opinion is only given under the assumption that the above objection under Article 6 PCT is entirely removed from claim 1.

- a) Document D2 which discloses a locking mechanism for selectively interlocking upper (1) and lower (4) tracks of a seat track assembly comprising a pin carrier (lifter tray 42), a mounting plate (50) an actuator (61) for the pin carrier and a plurality of pins (3) can for instance be regarded as being the **closest prior art** with respect to the current wording of claim 1.
- b) It appears that the possible subject matter of the still to be revised independent

- claim 1** may lead to a content which could fulfill the requirements of PCT for inventive step (Article 33(3) PCT).
4. **Claims 2 - 7** are dependent on claim 1 and disclose further details of the above mechanism which could therefore also fulfill the requirements of PCT.
 5. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the **relevant background art** disclosed in the documents **D1, D2 and D7** is not mentioned in the description, nor are these documents identified therein.
 6. Independent **claim 1** is not cast in the **two-part form** in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art being placed in the preamble (Rule 6.3(b)(i) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).
 7. The features of all the claims are not provided with **reference signs** placed in parentheses (Rule 6.2(b) PCT).

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/027894

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4242895	C	25-11-1993	DE 4242895 C1	25-11-1993
GB 2372203	A	21-08-2002	NONE	
DE 29700866	U	20-03-1997	DE 29700866 U1	20-03-1997
US 5564315	A	15-10-1996	DE 4400474 C1	09-03-1995
			JP 2680554 B2	19-11-1997
			JP 7205694 A	08-08-1995
DE 19735030	A	25-02-1999	DE 19735030 A1	25-02-1999
			BR 9811934 A	22-08-2000
			DE 59804069 D1	13-06-2002
			WO 9908892 A1	25-02-1999
			EP 1001888 A1	24-05-2000
			JP 2001514989 T	18-09-2001
			US 6308589 B1	30-10-2001
US 5596910	A	28-01-1997	DE 4400232 A1	06-07-1995
			FR 2715355 A1	28-07-1995
DE 4337293	C	01-12-1994	DE 4337293 C1	01-12-1994

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 19365 - 098508	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/US2004/027894	International filing date (day/month/year) 27/08/2004	(Earliest) Priority Date (day/month/year) 27/08/2003
Applicant INTIER AUTOMOTIVE INC		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☒ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 5

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2004/027894

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A seat track assembly is provided for adjusting a seat assembly of an automotive vehicle having a lower track (12) having a plurality of locking windows (74), an upper track (14) slidably mounted to the lower track and having a plurality of first (70) and second (72) support apertures. A locking mechanism (80) is operatively coupled between the lower and upper tracks. The locking mechanism includes a plurality of pins (88) movable in and out of a locked position, wherein the pins project through the locking windows and are supported by the first and second support aperture in a double shearing condition to prevent sliding adjustment of the upper track relative in the lower track.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/027894

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60N2/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 42 42 895 C (DAIMLER BENZ AG) 25 November 1993 (1993-11-25) column 1, line 60 - column 4, line 8 -----	1
A	GB 2 372 203 A (AUTOLIV DEV) 21 August 2002 (2002-08-21) page 6, line 20 - page 15, line 19; figures 1-3 -----	1
A	DE 297 00 866 U (BURGER SOEHNE) 20 March 1997 (1997-03-20) cited in the application page 6, line 4 - page 7, line 30; figure 1 ----- -/--	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

22.02.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lotz, K-D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/027894

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 564 315 A (LEHMANN ULRICH DIPL ING ET AL) 15 October 1996 (1996-10-15) cited in the application column 2, line 37 - column 5, line 20; figures 3-5	1
A	----- DE 197 35 030 A (KEIPER GMBH & CO) 25 February 1999 (1999-02-25) cited in the application column 2, line 36 - column 5, line 39; figures 1,2	1
A	----- US 5 596 910 A (BAUER HEINZ ET AL) 28 January 1997 (1997-01-28) cited in the application column 5, line 22 - column 6, line 5; figures 4-6	1
A	----- DE 43 37 293 C (KEIPER RECARO GMBH CO) 1 December 1994 (1994-12-01) -----	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/027894

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

Independent claim 1 discloses a locking mechanism with its particular relation of a pin carrier for a plurality of pins and a mounting plate for the pin carrier. Dependent claims 2 - 7 disclose further details of this mechanism.

2. claims: 8-13

Independent claim 8 discloses a seat track assembly with its particular double shearing condition of a plurality of pins within corresponding apertures and locking windows.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/027894

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4242895	C	25-11-1993	DE 4242895 C1	25-11-1993
GB 2372203	A	21-08-2002	NONE	
DE 29700866	U	20-03-1997	DE 29700866 U1	20-03-1997
US 5564315	A	15-10-1996	DE 4400474 C1	09-03-1995
			JP 2680554 B2	19-11-1997
			JP 7205694 A	08-08-1995
DE 19735030	A	25-02-1999	DE 19735030 A1	25-02-1999
			BR 9811934 A	22-08-2000
			DE 59804069 D1	13-06-2002
			WO 9908892 A1	25-02-1999
			EP 1001888 A1	24-05-2000
			JP 2001514989 T	18-09-2001
			US 6308589 B1	30-10-2001
US 5596910	A	28-01-1997	DE 4400232 A1	06-07-1995
			FR 2715355 A1	28-07-1995
DE 4337293	C	01-12-1994	DE 4337293 C1	01-12-1994

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